

1 **CLAIMS**

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3 1. A component localization system, comprising:
4 one or more memory components configured to maintain control
5 components that each define a localization format for a section of a display;

6 a localization application configured to obtain a control component that
7 corresponds to a locale; and

8 a server application configured to generate display data for the display
9 which includes the control component in a localization format defined by the
10 control component.

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12 2. A component localization system as recited in claim 1, wherein the
13 localization application is further configured to obtain the control component
14 which defines the localization format as a language and country combination that
15 corresponds to the locale.

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17 3. A component localization system as recited in claim 1, wherein the
18 localization application is further configured to obtain the control component
19 which defines the localization format as a language and geographic area
20 combination that corresponds to the locale.

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22 4. A component localization system as recited in claim 1, wherein the
23 localization application is further configured to obtain the control component
24 which defines the localization format as a language and user group combination
25 that corresponds to the locale.

1 5. A component localization system as recited in claim 1, wherein the
2 localization application is further configured to obtain the control component
3 which defines the localization format for a user group that corresponds to the
4 locale.

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6 6. A component localization system as recited in claim 1, wherein the
7 localization application is further configured to obtain the control component
8 which defines the localization format for an environment that corresponds to the
9 locale.

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11 7. A component localization system as recited in claim 1, wherein the
12 localization application is further configured to receive a locale designation that
13 designates the locale, and wherein the control component is a localized control
14 component which defines the localization format as a language and country
15 combination that corresponds to the locale.

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17 8. A component localization system as recited in claim 1, wherein the
18 localization application is further configured to receive a locale designation that
19 designates the locale, and wherein the control component is a localized control
20 component which defines the localization format as a language and user group
21 combination that corresponds to the locale.

1 9. A component localization system as recited in claim 1, wherein the
2 localization application is further configured to receive a locale designation that
3 designates the locale, and wherein the control component is a secondary control
4 component which defines the localization format for a language that corresponds
5 to the locale.

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7 10. A component localization system as recited in claim 1, wherein the
8 localization application is further configured to receive a locale designation that
9 designates the locale, and wherein the control component is a generalized control
10 component which defines the localization format that corresponds to the locale.

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12 11. A component localization system as recited in claim 1, wherein the
13 server application is further configured to receive a request for service from a
14 client application, and wherein the request for service includes a locale designation
15 that designates the locale.

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17 12. A component localization system as recited in claim 1, wherein the
18 server application is further configured to:

19 receive a request for the display data from a client application, the request
20 including a locale designation that designates the locale; and

21 communicate the display data to the client application with the control
22 component in a display format that corresponds to the locale and the localization
23 format.

1 **13.** A component localization system as recited in claim 1, wherein the
2 server application is further configured to:

3 receive a request for the display data from a client application, the request
4 including user preference data that identifies the locale; and

5 communicate the display data to the client application with the control
6 component in a display format that corresponds to the locale and the localization
7 format.

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9 **14.** A component localization system as recited in claim 1, wherein the
10 server application is further configured to:

11 receive a request for the display data from a client application, the request
12 including user logon information that identifies the locale; and

13 communicate the display data to the client application with the control
14 component in a display format that corresponds to the locale and the localization
15 format.

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1 **15.** A component localization system as recited in claim 1, wherein the
2 server application is further configured to:

3 receive a request for additional display data from a client application, the
4 request including a locale designation that designates a second locale;

5 generate the additional display data which includes a second control
6 component having a second localization format, the second control component
7 replacing the control component in the display; and

8 communicate the additional display data to the client application with the
9 second control component in a display format that corresponds to the second
10 locale and the second localization format.

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12 **16.** A server device comprising the component localization system as
13 recited in claim 1, and wherein the server device comprises a Web server that
14 includes the localization application and the server application.

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16 **17.** A component localization system, comprising:

17 one or more memory components configured to maintain control
18 components that each correspond to a different locale; and

19 a localization application configured to receive a locale designation that
20 designates a locale, the localization application being further configured to obtain
21 a control component from the one or more memory components where the control
22 component defines a localization format for the designated locale.

1 **18.** A component localization system as recited in claim 17, wherein the
2 localization application is further configured to obtain the control component
3 which defines a language and country combination that corresponds to the
4 designated locale.

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6 **19.** A component localization system as recited in claim 17, wherein the
7 localization application is further configured to obtain the control component
8 which defines a language and geographic area combination that corresponds to the
9 designated locale.

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11 **20.** A component localization system as recited in claim 17, wherein the
12 localization application is further configured to obtain the control component
13 which defines a language and user group combination that corresponds to the
14 designated locale.

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16 **21.** A component localization system as recited in claim 17, wherein the
17 localization application is further configured to obtain the control component
18 which defines a user group that corresponds to the designated locale.

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20 **22.** A component localization system as recited in claim 17, wherein the
21 localization application is further configured to obtain the control component
22 which defines an environment that corresponds to the designated locale.

1 **23.** A component localization system as recited in claim 17, wherein the
2 localization application is further configured to obtain the control component
3 which defines a computer environment that corresponds to the designated locale.

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5 **24.** A component localization system as recited in claim 17, wherein the
6 control component is at least one of a localized control component, a secondary
7 control component, and a generalized control component, and wherein the
8 localization application is further configured to:

9 obtain the localized control component if the localized control component
10 is available;

11 obtain the secondary control component if the localized control component
12 is not available; and

13 obtain the generalized control component if the localized control
14 component and the secondary control component are not available.

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16 **25.** A component localization system as recited in claim 17, wherein the
17 control component is at least one of a localized control component, a secondary
18 control component, and a generalized control component, and wherein the
19 localization application is further configured to:

20 obtain the localized control component which defines a language and
21 country combination that corresponds to the locale;

22 obtain the secondary control component which defines a language that
23 corresponds to the locale if the localized control component is not available; and

24 obtain the generalized control component if the localized control
25 component and the secondary control component are not available.

1 **26.** A component localization system as recited in claim 17, wherein the
2 localization application is further configured to receive a request for the control
3 component from a client application, and wherein the request for the control
4 component includes the locale designation that designates the locale.

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6 **27.** A component localization system as recited in claim 17, wherein the
7 localization application is further configured to:

8 receive a request for the control component from a client application, the
9 request including the locale designation that designates the locale; and

10 communicate the control component to the client application for
11 instantiation with the client application.

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13 **28.** A component localization system, comprising:

14 one or more memory components configured to maintain control
15 components that each correspond to a different computer environment; and

16 a localization application configured to receive a locale designation that
17 designates a computer environment, the localization application being further
18 configured to obtain a control component from the one or more memory
19 components where the control component defines a localization format for the
20 designated computer environment.

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22 **29.** A component localization system as recited in claim 28, wherein the
23 localization application is further configured to obtain the control component
24 which defines a client application configuration that corresponds to the designated
25 computer environment.

1 **30.** A component localization system as recited in claim 28, wherein the
2 localization application is further configured to obtain the control component
3 which defines a language and client application configuration combination that
4 corresponds to the designated computer environment.

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6 **31.** A component localization system as recited in claim 28, wherein the
7 control component is at least one of a localized control component, a secondary
8 control component, and a generalized control component each of which
9 corresponds to the designated computer environment.

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11 **32.** A component localization system as recited in claim 28, wherein the
12 localization application is further configured to receive a request for the control
13 component from a client application, and wherein the request for the control
14 component includes the locale designation that designates the computer
15 environment.

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17 **33.** A component localization system as recited in claim 28, wherein the
18 localization application is further configured to:

19 receive a request for the control component from a client application, the
20 request including the locale designation that designates the computer environment;
21 and

22 communicate the control component to the client application for
23 instantiation with the client application.

1 **34.** A method, comprising:
2 receiving a locale designation that designates a locale;
3 obtaining a control component that corresponds to the locale; and
4 generating display data for a display that includes the control component in
5 a localization format defined by the control component.

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7 **35.** A method as recited in claim 34, wherein the control component
8 defines a localization format for a language and country combination that
9 corresponds to the locale.

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11 **36.** A method as recited in claim 34, wherein the control component
12 defines a localization format for a language and geographic area combination that
13 corresponds to the locale.

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15 **37.** A method as recited in claim 34, wherein the control component
16 defines a localization format for a language and user group combination that
17 corresponds to the locale.

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19 **38.** A method as recited in claim 34, wherein the control component
20 defines a localization format for a user group that corresponds to the locale.

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22 **39.** A method as recited in claim 34, wherein the control component
23 defines a localization format for an environment that corresponds to the locale.

1 **40.** A method as recited in claim 34, wherein the control component
2 defines a localization format for a computer environment that corresponds to the
3 locale.

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5 **41.** A method as recited in claim 34, wherein obtaining the control
6 component includes obtaining at least one of a localized control component, a
7 secondary control component, and a generalized control component.

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9 **42.** A method as recited in claim 41, wherein the localized control
10 component defines a localization format for a language and country combination
11 that corresponds to the locale.

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13 **43.** A method as recited in claim 41, wherein the localized control
14 component defines a localization format for a language and user group
15 combination that corresponds to the locale.

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17 **44.** A method as recited in claim 41, wherein the secondary control
18 component defines a localization format for a language that corresponds to the
19 locale.

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21 **45.** A method as recited in claim 41, wherein the generalized control
22 component defines a localization format that corresponds to the locale.

1 **46.** A method as recited in claim 34, further comprising receiving a
2 request for service from a client application, wherein the request for service
3 includes receiving the locale designation that designates the locale.

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5 **47.** A method as recited in claim 34, further comprising:
6 receiving a request for the display data from a client application, the request
7 including receiving the locale designation that designates the locale; and
8 communicating the display data to the client application with the control
9 component in the localization format that corresponds to the locale.

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11 **48.** A method as recited in claim 34, further comprising:
12 receiving a request for the display data from a client application, the request
13 including receiving the locale designation which includes user preference data that
14 identifies the locale; and
15 communicating the display data to the client application with the control
16 component in the localization format that corresponds to the locale.

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18 **49.** A method as recited in claim 34, further comprising:
19 receiving a request for the display data from a client application, the request
20 including receiving the locale designation which includes user logon information
21 that identifies the locale; and
22 communicating the display data to the client application with the control
23 component in the localization format that corresponds to the locale.

1 **50.** One or more computer-readable media comprising computer
2 executable instructions that, when executed, direct a component localization
3 system to perform the method of claim 34.

4
5 **51.** A method, comprising:
6 maintaining control components that each correspond to a different locale;
7 receiving a locale designation that designates a locale;
8 obtaining a control component that corresponds to the designated locale;

9 and

10 communicating the control component to a client application for
11 instantiation with the client application.

12
13 **52.** A method as recited in claim 51, wherein the locale designation
14 designates the locale which identifies a computer environment.

15
16 **53.** A method as recited in claim 51, wherein the control component
17 defines a language and country combination that corresponds to the designated
18 locale.

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20 **54.** A method as recited in claim 51, wherein the control component
21 defines a language and geographic area combination that corresponds to the
22 designated locale.

1 **55.** A method as recited in claim 51, wherein the control component
2 defines a language and user group combination that corresponds to the designated
3 locale.

4

5 **56.** A method as recited in claim 51, wherein the control component is
6 at least one of a localized control component, a secondary control component, and
7 a generalized control component, and wherein:

8 the localized control component is obtained if the localized control
9 component is available;

10 the secondary control component is obtained if the localized control
11 component is not available; and

12 the generalized control component is obtained if the localized control
13 component and the secondary control component are not available.

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15 **57.** A method as recited in claim 51, wherein the control component is
16 at least one of a localized control component, a secondary control component, and
17 a generalized control component, and wherein:

18 the localized control component is obtained which defines a language and
19 country combination that corresponds to the designated locale;

20 the secondary control component is obtained which defines a language that
21 corresponds to the designated locale if the localized control component is not
22 available; and

23 the generalized control component is obtained if the localized control
24 component and the secondary control component are not available.

1 **58.** A method as recited in claim 51, further comprising receiving a
2 request for the control component from a client application, wherein the request
3 for the control component includes the locale designation that designates the
4 locale.

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6 **59.** A method as recited in claim 51, further comprising receiving a
7 request for the control component from a client application, wherein the request
8 for the control component includes the locale designation that designates the
9 locale which identifies a computer environment.

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11 **60.** One or more computer-readable media comprising computer
12 executable instructions that, when executed, direct a component localization
13 system to perform the method of claim 51.

14
15 **61.** One or more computer-readable media comprising computer
16 executable instructions that, when executed, direct a component localization
17 system to:

18 receive a request for service from a client application, the request for
19 service including a locale designation that designates a locale;

20 obtain a control component that corresponds to the locale;

21 generate display data for a display that includes the control component in a
22 localization format defined by the control component; and

23 communicate the display data to the client application with the control
24 component in a display format that corresponds to the locale and the localization
25 format.

1 **62.** One or more computer-readable media as recited in claim 61, further
2 comprising computer executable instructions that, when executed, direct the
3 component localization system to obtain the control component which defines a
4 localization format for a language and country combination that corresponds to the
5 locale.

6
7 **63.** One or more computer-readable media as recited in claim 61, further
8 comprising computer executable instructions that, when executed, direct the
9 component localization system to obtain the control component which defines a
10 localization format for a language and geographic area combination that
11 corresponds to the locale.

12
13 **64.** One or more computer-readable media as recited in claim 61, further
14 comprising computer executable instructions that, when executed, direct the
15 component localization system to obtain the control component which defines a
16 localization format for a language and user group combination that corresponds to
17 the locale.

18
19 **65.** One or more computer-readable media as recited in claim 61, further
20 comprising computer executable instructions that, when executed, direct the
21 component localization system to obtain the control component which defines a
22 localization format for a user group that corresponds to the locale.

1 **66.** One or more computer-readable media as recited in claim 61, further
2 comprising computer executable instructions that, when executed, direct the
3 component localization system to obtain the control component which defines a
4 localization format for an environment that corresponds to the locale.

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6 **67.** One or more computer-readable media as recited in claim 61, further
7 comprising computer executable instructions that, when executed, direct the
8 component localization system to obtain the control component as at least one of a
9 localized control component, a secondary control component, and a generalized
10 control component, wherein:

11 the localized control component is obtained if the localized control
12 component is available;

13 the secondary control component is obtained if the localized control
14 component is not available; and

15 the generalized control component is obtained if the localized control
16 component and the secondary control component are not available.

1 **68.** One or more computer-readable media as recited in claim 61, further
2 comprising computer executable instructions that, when executed, direct the
3 component localization system to obtain the control component as at least one of a
4 localized control component, a secondary control component, and a generalized
5 control component, wherein:

6 the localized control component is obtained which defines a language and
7 country combination that corresponds to the designated locale;

8 the secondary control component is obtained which defines a language that
9 corresponds to the designated locale if the localized control component is not
10 available; and

11 the generalized control component is obtained if the localized control
12 component and the secondary control component are not available.